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**STATEMENT OF WORK
REMEDIAL DESIGN/REMEDIAL ACTION
WEST LAKE LANDFILL SITE
OPERABLE UNIT 2
BRIDGETON, MISSOURI**

I. PURPOSE

The purpose of this Statement of Work (SOW) is to set forth the requirements for the Remedial Design (RD) and the Remedial Action (RA) and Operation and Maintenance (O&M) for the selected remedy set forth in the Record of Decision (ROD), signed by the Regional Administrator on July __, 2008, for the West Lake Landfill Site, Operable Unit 2 (OU2). This SOW is incorporated into and made a part of the Consent Decree (CD) entered into by the Settling Defendant and the United States Environmental Protection Agency Region VII (EPA). The Settling Defendant shall follow the ROD, this SOW, the CD and the most recent revisions of appropriate EPA guidance in submitting deliverables for conducting the RD and RA activities.

A. Remedial Design (RD)

The RD process begins with the preparation of the RD Work Plan which sets forth plans and schedules for those activities to be undertaken by the Settling Defendant and shall address the submittal of the final plans, drawings, specifications, general provisions, and special requirements necessary to implement the remedy selected in the ROD. Standard remedial design operations include project planning, field data acquisition and sample analysis, data evaluation, design support activities, preliminary design, intermediate design, pre-final/final design, value engineering (VE) during design, community relations, and project design completion. The RD Work Plan shall be prepared as set forth in Section V of this SOW and Section VI of the CD.

B. Remedial Action (RA)

Following completion of the RD phase, the RA process begins with preparation of the RA Work Plan (RAWP) which sets forth plans and schedules for the actual implementation of the remedy. Settling Defendant shall prepare the RAWP as set forth in Section V of this SOW and Section VI of the CD. Upon approval of the RAWP by EPA, Settling Defendant shall implement the RA.

C. Operation and Maintenance (O&M)

O&M begins during the RA and continues after RA implementation has been completed. The RD shall make provisions for O&M activities which include: 1) inspection and maintenance; 2) long-term monitoring; 3) maintenance and enforcement of use restrictions; 4) preparation and submission of reports on monitoring, inspection and maintenance activities.

II. DESCRIPTION OF THE REMEDY

The Settling Defendant shall design, construct and maintain the Selected Remedy identified in

the OU2 ROD. The remedy will meet the performance standards, criteria and specifications set forth in the OU2 ROD, this SOW and the CD, unless subsequently modified in accordance with the procedures set forth in the CD. The performance standards, criteria and specifications shall include the substantive requirements set forth in applicable or relevant and appropriate requirements (ARARs) identified in Section 13.2 of the ROD.

A. Description of the Selected Remedy

The remedy for OU2 was developed to protect human health and the environment by providing source control for the landfilled waste materials. The source control methods prevent human receptors from contacting the waste material and control contaminant migration to air or groundwater.

1. Landfill Cap: Install landfill cover system to control and minimize the migration of contaminants from the Inactive Sanitary Landfill and prevent direct contact with landfilled wastes.
2. Groundwater Monitoring: Implement long-term groundwater monitoring program to demonstrate groundwater protection.
3. Institutional Controls: Implement land use restrictions to ensure future uses do not impact the effectiveness or the integrity of the remedy.
4. Surveillance and Maintenance: Implement periodic inspection and maintenance program for all components of the remedy.

B. Performance Standards for the Selected Remedy

The Settling Defendant shall design the remedy to meet the performance standards and specifications set forth in the OU2 ROD and this SOW. The performance standards for the major components of the remedy are identified below. Alternative standards or requirements may be approved if it can be demonstrated that the alternative design is at least equivalent in performance.

1. Landfill Cap: The landfill cover system shall be designed to meet, at a minimum, the closure requirements for sanitary landfills. Consistent with the OU2 ROD, these requirements are identified below.

The Missouri Department of Natural Resources (MDNR) rules for sanitary landfill caps are in 10 CSR 80-3.010(17). These rules require that the final cover shall consist of at least two feet (2') of compacted clay with a coefficient of permeability of 1×10^{-5} cm/sec or less and overlaid by at least one foot (1') of soil capable of sustaining vegetative growth. The minimum sloping requirement of 5% need not be met in this case; however, the design shall include provisions for slope stability and optimize the

need to promote runoff and minimize the potential for erosion. The maximum sloping requirement of 25% will be met.

The design will incorporate plans for decomposition gas monitoring and control consistent with 10 CSR 80-3.010(14).

2. Groundwater Monitoring: The RD shall provide for the design and implementation of a long-term groundwater monitoring program. The ground water monitoring program shall include the collection of data necessary to track the movement and direction of flow of the ground water and to monitor changes in chemical constituents and chemical concentrations in the ground water over time. The monitoring plans shall include specific monitoring objectives, monitoring locations, data quality objectives, sampling frequencies and procedures, and analytical parameters and methods. The plans shall describe the approach to data evaluation and trend analysis. The monitoring program will be designed to meet the objectives in OU2 ROD Section 12.2.1 and will be consistent with the monitoring requirements and groundwater protection standards found in the Missouri Solid Waste Rules for Sanitary Landfills [10 CSR 80-3.010 (11)]
3. Institutional Controls: The RD shall provide for the design and implementation of institutional controls meeting the land and resource use requirements and objectives identified in the OU2 ROD Section 12.2.2.
4. Surveillance and Maintenance: The RD shall provide for surveillance and maintenance of the remedy. Plans shall be developed describing the procedures for inspection and maintenance of all engineering controls, access controls and monitoring structures. Plans shall also address procedures for maintenance, inspection and enforcement of land and groundwater use restrictions.

III. PROJECT PLANNING AND SUPPORT

A. Project Planning/Management

1. Designation of Project Coordinator: Settling defendant identifies the Project Coordinator as _____ and Alternate Project Coordinator as _____ pursuant to Section XII of the CD.
2. Review and Approval of Supervising Contractor: Pursuant to Section VI of the CD, Settling defendant shall propose a Supervising Contractor within 10 days of the effective date of the CD.

IV. DATA ACQUISITION ACTIVITIES

A. Data Collection

For all sampling activities conducted in preparation for or in support of the RD/RA, Settling Defendant shall prepare a sampling and analysis plan. At a minimum, the plan shall describe the purpose, the data quality objectives, and the procedures for collection and evaluation of the analytical data.

B. Analytical Quality Assurance

1. Sample Analysis: The Settling defendant shall ensure that analytical tests are performed in accordance with the EPA-approved Quality Assurance Project Plan (QAPP). EPA standard operating procedures (SOPs) may be incorporated by reference.
2. Analytical Support and Data Validation: The Settling Defendant shall arrange for the validation of environmental sampling results to ensure the data are accurate and defensible. Sample management and data validation activities shall be performed in accordance with the EPA-approved QAPP.
3. Data Evaluation: The Settling Defendant shall organize and evaluate data for submittal in the form of a Data Evaluation Summary Report. Specifically, data evaluation efforts shall include:
 - Data usability evaluation and Field QA/QC
 - Data reduction, tabulation and evaluation
 - Data Evaluation Summary Report submitted to EPA for review and approval

V. REMEDIAL DESIGN AND REMEDIAL ACTION TASKS

In accordance with Section VI of the CD, Settling Defendant shall submit to EPA the deliverables described below.

A. Remedial Design Work Plan

The Settling Defendant shall submit a draft Remedial Design Work Plan (RD Work Plan) for the remedy set forth in the OU2 ROD within 21 days of receiving EPA's authorization to proceed pursuant to Section VI of the CD. The RD Work Plan shall describe the approach and the schedules for implementation of the RD and any field activities necessary to support the RD. Elements addressed by the RD Work Plan include the following:

1. Composition of the design team.
2. Health and Safety Plan (HSP): Respondents shall develop the site-specific HSP that specifies employee training, protective equipment, standard operating procedures, and contingency planning in accordance with 40 CFR § 300.150 of the NCP and 29 CFR § 1910.120 1(1) and (1)(2). This plan need not be submitted to EPA for review and approval but should be made available to EPA upon request.

3. Description of additional studies that will be conducted during the design phase to supplement available data or support design activities, including development of the SAP/QAPP, as necessary.
4. Identification of all the substantive requirements for the ARARs identified in Section 13.2 of the ROD. All required permits for other activities associated with implementation of the remedy shall also be identified.
5. Conceptual design and the design basis for the components of the remedy.
6. Progress reporting.
7. Proposed schedule of design phase activities consistent with the schedule in Section VI of this SOW.

B. Design Reviews

Upon receipt EPA approval of the RD Work Plan, the Settling Defendant shall implement design activities for the remedy in accordance with the Schedule in Section VI of this SOW and in the approved RD Work Plan.

1. Preliminary Design Report: The preliminary design submittal corresponds to approximately 30% complete and shall include the following:
 - a. Design criteria – this shall document the design basis for the elements of the remedy and verify that the performance standards in the ROD are met, including compliance with ARARs and best professional engineering practices.
 - b. Results of additional study – this shall summarize and interpret the results of design studies and identify any additional studies necessary to support design.
 - c. Project delivery plans – this shall present the strategy for timely product delivery and shall focus on the management necessary to carry out the design and implement the remedy. The plans should address such things as phasing construction, health and safety considerations, review requirements, and contractor and equipment availability.
 - d. Preliminary plans, drawings and sketches.
 - e. Outline of required specifications.
 - f. Preliminary implementation schedule.
2. Intermediate Design Report: The intermediate design submittal corresponds to approximately 60% complete and consists of the continuation and expansion of the preliminary design. This submittal should include the preliminary O&M plan and preliminary plans for the long-term groundwater monitoring program that includes information such as well locations and construction details. Any value engineering

proposals should be identified and evaluated at this review. Depending upon EPA comments on the Preliminary Design Submittal, the Intermediate Design Report may not be necessary. If EPA determines that the Intermediate Design Report is not necessary, Settling Defendant will submit a draft of the Groundwater Monitoring Plan and a preliminary draft of the O&M Plan instead of the Intermediate Design Report.

3. Pre-Final/Final Design Report: The pre-final submittal is what the Settling Defendant considers the final design pending EPA review and comment. Upon resolution of comments and EPA approval consistent with the CD, this submittal becomes the final design. The final design submittal shall include the following:

- a. Final design analysis detailing design compliance with performance standards and addressing all issues and comments as resolved during the design process. This analysis shall clearly address any modification of the designs as resolved during the preliminary, intermediate and pre-final design submittal review.
- b. Final plans, construction drawings and specifications.
- c. Construction schedules.
- d. O&M Plan – The O&M requirements for the landfill cover system and all engineering components of the remedy shall include: 1) schedules and requirements for performing routine maintenance activities; 2) schedules and criteria for performing periodic and follow-up inspections; 3) provisions for performing unplanned maintenance and repair; 4) provisions for a data management system that will accommodate field logs, inspection reports, document control and inventory procedures; 5) provisions for the 5-Year Reviews; 6) contact lists; 7) reporting requirements; 8) procedures for updating or modifying the O&M Plan, and; 9) procedures for community involvement.

The O&M requirements for the groundwater monitoring component shall include: 1) schedules and requirements for performing long-term monitoring; 2) a data management system that will accommodate field logs, sample tracking, quality assurance and analytical data, and; 3) methods for data evaluation and interpretation.

The O&M requirements for the institutional controls (ICs) component shall include: 1) provisions for maintaining, reporting on and enforcing the ICs; 2) provisions to verify that land and resource uses are consistent with the requirements in Section 12.2.2 of the OU2 ROD; 3) provisions to respond to activities that are inconsistent with the use restrictions or the effectiveness of the ICs; 4) provisions to notify EPA and MDNR of any proposed or actual changes in land or resource use on property subject to these restrictions, and; 5) provisions to notify EPA and MDNR of any planned or actual transfer, sale, or lease of property subject to these restrictions.

- e. Field Sampling Plan(s) - This plan shall define in detail the purpose, the data

quality objectives, data gathering methods, sampling equipment, sample types locations, frequencies, analytes, sample handling and documentation. This plan is developed in conjunction with an EPA-approved QAPP.

- f. Construction Quality Assurance Plan (CQAP) – This plan shall describe the components of the construction quality assurance program which will ensure that the completed project meets or exceeds all design criteria, plans and specifications. The CQAP shall address the following elements:
 - Responsibilities and authorities of all organizations and key personnel involved in the design and construction of the remedy.
 - Qualifications of the Quality Assurance Official demonstrating the training and experience necessary to fulfill the identified responsibilities.
 - Testing and sampling protocols used to monitor construction.
 - Identification of sampling activities such as sample size, sample locations, frequency of testing, acceptance and rejection data sheets, problem identification and corrective measures reports, and evaluation and acceptance reports.
- g. Contingency Plan – This shall be written for the local affected population in the event of accident or emergency at the Site. Respondents shall incorporate into the Contingency Plan an Air Monitoring Plan and a Spill Prevention, Control and Countermeasures Plan, as applicable.
- h. Community Relations Plan – These provisions shall support EPA in providing appropriate updates and information to the affected community and other stakeholders or interested parties.

C. Remedial Action Work Plan

The Settling Defendant shall submit a draft Remedial Action Work Plan (RA Work Plan) for the remedy set forth in the OU2 ROD within 21 days of receiving EPA's approval of the final design submittal. The Draft RAWP shall describe the Settling Defendant's plan for implementation of the RA and subsequent O&M within the terms and conditions of the CD, this SOW, and the RD. The RAWP shall contain, at a minimum, the following:

1. Names, titles, qualifications, and project responsibilities of the proposed RA Contractor(s) and QAO;
2. Identification of the RA project organization for both the construction and O&M phases of the RA, including an organization chart, duties of key personnel and contractors, and lines of authority;

3. Description of the execution plan for RA construction, including a detailed construction schedule;
4. Health and Safety Plan for the RA construction and O&M phases of the Work;
5. Discussion of the deliverables to be submitted during the RA and subsequent O&M;
6. Quality Assurance Project Plan ("QAPP") for all sample collection and data analyses in accordance with Section VIII of the CD. The plan shall address all sampling activities addressed in the O&M Plan, including groundwater sampling and compliance monitoring plans;
7. Revisions to any previously prepared plans including the following:
 - a. Construction Quality Assurance Plan
 - b. Operations and Maintenance Plan
 - c. Field Sampling Plan(s)
 - d. Contingency Plan
 - e. Permitting Compliance Plan;
8. Implementation Strategy discussing the methods for achieving and integrating the required activities; and,
9. Requirements for RA Close-out and Completion of the Work in accordance with Section XIV of the CD and provisions of this SOW.

D. Remedial Action Construction

The Settling Defendant shall implement the RA construction as detailed in the RD. The Settling Defendant shall complete the following activities in constructing the RA.

1. Pre-construction Conference

Prior to the start of construction, the Settling Defendant shall schedule and initiate a Pre-construction Conference. The participants will include all parties involved in the construction, including the Project Coordinator, the QAO, supervisors from each of the RA contractors; EPA Remedial Project Manager and any EPA designated Oversight Officials; appropriate local officials; and, representatives of the State. The purpose of the preconstruction conference is to:

- a. Establish lines of communication and authority among all parties involved in the

RA;

- b. Describe RA activities;
- c. Review project schedule;
- d. Review methods for documenting and reporting inspection and testing data;
- e. Review methods for distributing and storing documents and reports;
- f. Review work area security and safety protocol; and,
- g. Discuss how scope changes that may occur during the RA will be handled.

The preconstruction conference shall be documented by the Settling Defendants' Project Coordinator or his/her designee. **Pre-construction Conference Minutes** shall be transmitted by the Settling Defendants' Project Coordinator to all parties within 14 days of the conference. The pre-construction conference minutes shall include, but need not be limited to: a list of meeting participants; a brief summary of significant issues discussed at the meeting and their resolution; a discussion of unresolved issues and a proposed process and schedule for their resolution; any other action items identified during the meeting with a proposed schedule for their completion; and an updated construction schedule.

2. Construction Oversight

In accordance with Section IX of the CD, the Settling Defendant shall provide access for EPA, the State, their contractors and their representatives to all other property and facilities where access is required to monitor compliance with the CD. Settling Defendant shall notify EPA and the State four weeks prior to sampling and monitoring activities, unless otherwise agreed. EPA and the State shall be notified as early as practicable and at least one working day prior to significant on-site activities. Such notification may be oral or included within progress reports submitted in accordance with the CD. EPA may collect split samples for Quality Assurance or verification purposes.

3. Pre-final Inspection

Upon preliminary construction completion, the Settling Defendant shall notify EPA and the State for the purposes of conducting a pre-final inspection. The pre-final inspection shall consist of a walk-through inspection of the Site. The purpose of the inspection is to determine whether the project is complete and consistent with the RD. Any outstanding construction items discovered during the inspection shall be identified and noted by Settling Defendant. The Settling Defendant shall certify that the physical components of the remedy including the cap, drainage systems and monitoring network have been installed

satisfactorily to meet the purpose and intent of the specifications. The Settling Defendant shall retest where deficiencies are revealed.

The Settling Defendant shall submit a **Pre-final Inspection Report** within 30 days after the pre-final inspection. The Pre-final Inspection Report shall outline the outstanding construction items, actions required to resolve these items, completion date for resolution of these items, and the final inspection, if required.

If no significant deficiencies are noted during the pre-final inspection and if EPA determines that the landfill cap and drainage system is operational and that O&M activities may commence, EPA may waive the requirement for a Final Inspection through a written statement. A Remedial Action Report, as discussed below, shall be required within 30 days of the Settling Defendant's receipt of EPA's waiver.

4. Final Inspection

Upon completion of any outstanding construction items and any required reinstallations, the Settling Defendant shall notify EPA and the State for the purposes of conducting a final inspection. The final inspection shall consist of a walk-through inspection of the Site. The Settling Defendant's Pre-final Inspection Report shall be used as a checklist, with the final inspection focusing on the outstanding construction items identified in the pre-final inspection. Confirmation shall be made that outstanding items have been resolved. Settling Defendant shall provide the results of the final inspection in a **Final Inspection Report**.

5. Construction Completion Reporting

Within 30 days after a final inspection or receipt from EPA of a waiver from final inspection, Settling Defendants shall submit a **Remedial Action Report**. In the report, a registered professional engineer and the Settling Defendants' Project Coordinator shall certify that the RA has been constructed in accordance with the RD plans and specifications.

The Settling Work Defendants' **Remedial Action Report** shall include, but need not be limited to:

- h. Description of the work performed; as-built drawings, specifications and sketches, signed and stamped by a professional engineer;
- i. Brief description of any outstanding construction items identified in the pre-final inspection and a description of how those items were resolved;
- j. Description of any modification orders and non-conformance reports;
- k. Copy of all permits required to construct and implement the RA;

- l. Copy of all Quality Assurance documentation required by the CQAP including field notebooks, well logs, inspection reports, test reports, and photographs;
- m. Documentation of the pre-final and final inspection;
- n. Highlights of the O&M Plan, including potential problems/concerns;
- o. Summary of Project Costs; and,
- p. The following certification, signed by a responsible corporate official of a Settling Defendant or the Settling Defendants' Project Coordinator:

"To the best of my knowledge, after thorough investigation, I certify that the information contained in or accompanying this submission is true, accurate and complete. I am aware there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

6. Progress Reports

In accordance with Section X of the CD, beginning on the 10th day of the month in which construction begins and continuing through the first six months of operation, Settling Defendant shall submit Progress Reports to EPA. Following the six month period of operation, Settling Defendant shall submit Progress Reports on a quarterly basis until such time as they submit the Completion of Remedial Action Certification Report. Progress Reports shall include, but need not be limited to:

- a. Information required to meet the reporting requirements set forth in Section XI of the CD;
- b. Percentage of work completed in construction of the RA;
- c. Summary of analytical results obtained including ground water level measurements and water sampling results;
- d. Discussion of any problems encountered and corrective action taken or recommended; and,
- e. Quality assurance and data verification information.

E. Operation and Maintenance (O&M)

1. O&M Activities

The Settling Defendant shall operate and maintain the landfill cap system in accordance with the O&M Plan and associated monitoring plans until initiating RA Close-Out activities in accordance with this SOW (RA Close-Out) and Section XIV of the CD. EPA may determine that modifications to the O&M Plan and monitoring plans are required because of unanticipated conditions or experience gained during the O&M phase. If such modifications are required, EPA will notify the Settling Defendant of the required modifications, the effective date of such modifications, and any required revisions to these plans. Settling Defendant may also propose appropriate changes to the O&M Plan and monitoring plans in accordance with Section IX of the CD (EPA approval of Plans and Other Submissions). Settling Defendant shall revise the plans according to the required or approved modifications.

2. O&M Oversight

In accordance with Section IX of the CD, the Settling Defendant shall be responsible for assuring access for EPA, the State, and their contractors to perform oversight of the work required by the CD. EPA may collect split samples for Quality Assurance and sample verification purposes.

F. Completion of Work

Work shall be considered complete when the Settling Defendant has completed all activities associated with the Selected Remedy that are required to attain and maintain the protection of human health and the environment, including all O&M activities.

1. Completion of Remedial Action Certification

Within 90 days after Settling Defendant concludes that all phases of the RA and O&M have been fully performed, Settling Defendant shall schedule a pre-certification inspection with EPA as specified in Section XIV, Paragraph 52 of the CD. Settling Defendant shall invite EPA Oversight Officials and the other agencies with a jurisdictional interest in attendance (e.g., state and local officials) to participate in the inspection. EPA will assist the Settling Defendant in identifying appropriate officials and agencies to be notified.

A Completion of RA Certification Report shall be submitted by Settling Defendant within 30 days after the pre-certification inspection. In the report, a registered professional engineer and the Settling Defendant's Project Coordinator shall state the RA has been completed and operated in full satisfaction of the requirements of the CD, this SOW, the RD and the ROD. Review of this submittal shall be in accordance with Section IX of the CD (EPA approval of Plans and Other Submissions).

VI. SUBMISSION AND ACTIVITY SCHEDULE

<u>Submission or Activity</u>	<u>Due Date</u>
Draft RD Work Plan	Within 21 days of EPA's authorization to proceed
Final RD Work Plan	Within 30 days of receipt of EPA's comments on Draft RD Work Plan
Draft SAP/QAPP	As part of the Draft RD Work Plan Submittal and/or as provided for in the RD Work Plan
Preliminary Design Report	Within 60 days of approval of the RD Work Plan or completion of Data Evaluation Summary Report (whichever is later)
Intermediate Design Report (if necessary)	Within 60 days after receipt of EPA's comments on the Preliminary Design
Pre-Final Design Report	Within 60 days after receipt of EPA's comments on the previous design report
Final Design Report	Within 30 days after receipt of EPA's comments on the Pre-Final Design
Progress Reports during RD	Monthly by the tenth day of each month beginning in the first month following the effective date of the CD
Draft RA Work Plan	Within 21 days of EPA's approval of the Final Design

Final RA Work Plan	Within 30 days of receipt of EPA's comments on the on the Draft RAWP
Pre-Construction Conference	Within 21 days after EPA approval of RAWP
Pre-Construction Conference minutes	Within 14 days after Pre-Construction Conference
Pre-final Inspection	Within 30 days after completion of construction
Pre-final Inspection Report	Within 30 days after completion of pre-final inspection
Final Inspection	Within 30 days after completion of work from pre-final inspection
Final Inspection Report	Within 14 days after completion of final inspection
RA Report	Within 30 days after completion of final inspection
Completion of RA	Within 90 following completion of O&M Pre-certification Inspection
Completion of RA Certification Report	Within 30 days after pre-certification inspection
Progress Reports during RA	By 10th day of each month following period addressed by the report
Notification of Sampling Activity	28 days prior to activity, unless otherwise agreed

VII. REFERENCE DOCUMENTS

"EPA Superfund Remedial Design and Remedial Action Guidance", Interim Final, US EPA, Office of Solid Waste and Emergency Response, OSWER Directive 9355.0-4A, June, 1986.

"EPA Oversight of Remedial Designs and Remedial Actions Performed by PRP", Office of Emergency and Remedial Response, EPA Publication No. 9355.5-01FS, February 1990.

"Scoping the Remedial Design", Draft, US EPA, Office of Solid Waste and Emergency Response, EPA Publication No. 9355.0-43, EPA/540/F-93/026, May, 1993.

"The Remedial Action Report - Documentation for Operable Unit Completion", US EPA, Office of Solid Waste and Emergency Response, EPA Publication No. 9355.0-39FS, June, 1992.

"Comprehensive Five-Year Review Guidance", OSWER Directive 9355.7-03B-P, dated June 2001.

"Use of Soil Cleanup Criteria in 40 CFR Part 192 as Remediation Goals for CERCLA Sites" February 12, 1998. OSWER Directive 9200.4-25, NTIS Order Number (PB97 963308), 6p.

"Multi-Agency Radiation Survey and Site Investigation Manual (MARSSIM), EPA 402-R-97-016, December 1997.

"Quality in the Constructed Project: A Guideline for Owners, Designers and Constructors", American Society of Civil Engineers, 1990.

"Data Quality Objectives Process for Superfund", Interim Final Guidance, US EPA, Office of Solid Waste and Emergency Response, OSWER Publication No. 9355.9-01, EPA/540/R-93/071, September, 1993.

"Guidance for the Preparation of Standard Operating Procedures", EPA, QA/G-6.

"Data Quality Assessment: A Reviewers Guide", EPA, QA/G-9R.

"Data Quality Assessment: Statistical Tools for Practitioners", EPA, QA/G-9s.

"EPA Requirements for Quality Assurance Project Plans", EPA, QA/R-5.

"EPA Guidance for Quality Assurance Project Plans", EPA, QA/G-5.

"EPA Requirements for Quality Management Plans, EPA, QA/R-2.

“Specification and Guidelines for Quality Systems for Environmental Data Collection and Environmental Technology Programs”, ANSI/ASQ E4-2004.

“USEPA Contract Laboratory Program, Statement of Work Inorganic Analysis, ILM05.3.

“USEPA Contract Laboratory Program, Statement of Work Organic Analysis, SOM01.2.

"A Compendium of Superfund Field Operations Methods," Two Volumes, US EPA, Office of Emergency and Remedial Response, OSWER Directive No. 9355.0-14, EPA/540/P-87/001, August, 1987.

"Community Relations In Superfund: A Handbook", US EPA, Office of Emergency and Remedial Response, EPA/540/R-92/009, January, 1992

"Statistical Analysis of Ground Water Monitoring Data at RCRA Facilities", Interim Final Guidance, (OSW: 530-SW-89-026).